

A.V.C. COLLEGE OF ENGINEERING

Department of Information Technology

Innovations by the Faculty in Teaching and Learning



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| Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai |
| Accredited by NBA (Mech, ECE, CSE & EEE) | NAAC with "A" Grade (3rd Cycle)
| An ISO 9001:2015 Certified Institution) |

MANNAMPANDAL, MAYILADUTHURAI-609 305,

Phone no: 04364 – 227202, 224202, Email: avcce@avccengg.net



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POWER POINT PRESENTATION

Objective:

- To present concepts and information in a structured and visually engaging manner.
- To enhance students' understanding through clear illustrations, diagrams, and key points.
- To develop students' communication and presentation skills.
- To promote active learning by encouraging participation and discussion during the presentation.
- To simplify complex topics using visual aids for better retention and recall.





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VIDEO LECTURES:

Objective:

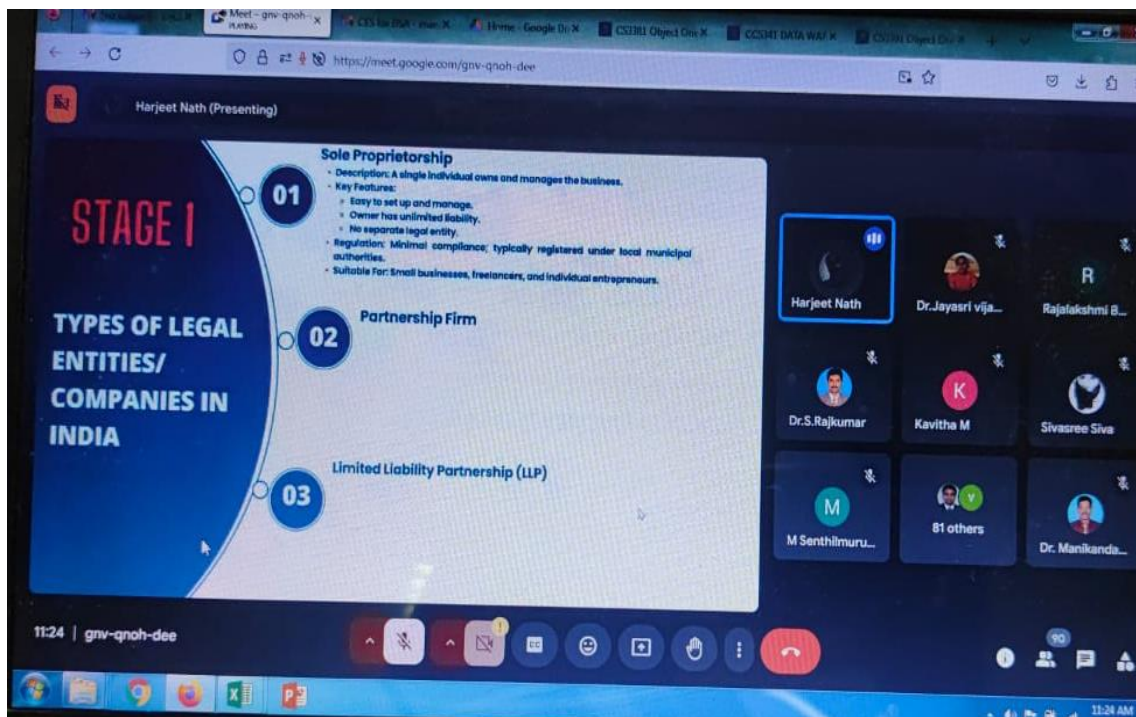
To deliver content in a flexible and accessible format for students to learn at their own pace.

To provide clear explanations of concepts using audio-visual aids for better understanding.

To support revision and repeated learning through recorded sessions.

To enhance engagement by incorporating animations, real-life examples, and demonstrations.

To bridge classroom learning with modern digital teaching methods.





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Live Demos:

Objective:

- To provide hands-on experience and real-time understanding of theoretical concepts.
- To enhance student engagement by demonstrating practical applications of the subject matter.
- To simplify complex topics through visual and interactive explanations.
- To encourage active participation, curiosity, and critical thinking during the learning process.
- To bridge the gap between classroom learning and real-world implementation.



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CONTENT BEYOND THE SYLLABUS

Objective:

To broaden students' knowledge by introducing advanced and emerging topics not covered in the regular curriculum.

To encourage self-learning, innovation, and critical thinking skills.

To prepare students for real-world challenges and competitive exams.

To promote interdisciplinary learning and application-oriented understanding.

To spark curiosity and develop a lifelong learning mindset among students.





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MINI PROJECTS

Objective:

To provide practical exposure by applying theoretical knowledge to real-time problem solving.

To enhance technical skills, creativity, and independent thinking among students.

To encourage teamwork, project planning, and time management abilities.

To foster innovation and prepare students for major projects and industry-based work.

To build confidence in implementing small-scale, functional prototypes or applications.





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ASSIGNMENTS

Objective:

- To reinforce the concepts learned in class through individual practice and application.
- To encourage independent learning, critical thinking, and problem-solving skills.
- To assess students' understanding and progress in a systematic manner.
- To improve research, writing, and presentation abilities.
- To develop a sense of responsibility and time management in completing academic tasks.

ASSIGNMENT NO : 01
REG NO : 820323205036
NAME : V. DIVIYA
BRANCH : B.TECH IT - "A"
SUBJECT : WEB ESSENTIALS
SUB CODE : IT3401

SUB CODE : IT3401

CRITERIA	CONTENT	UNDERSTANDING OF THE TOPIC	NEATNESS IN PRESENTATION	ADHERENCE OF DATE	TOTAL
MAX MARK	5	5	5	5	20
MARK OBTAINED	5	5	5	5	20

✓



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QUIZ

Objective:

Quiz helps check how much a student has understood a topic.

It also tests how fast they can remember and apply what they have learned.

Quizzes improve thinking speed and sharpen the brain.

It makes learning fun and helps students stay active and alert.





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Guest Lecture

Objective

- To expose students to real-world knowledge and practical insights beyond the regular curriculum.
- To enhance students' understanding through interaction with industry experts or academic professionals.
- To encourage intellectual curiosity and broaden the perspective of learners.
- To bridge the gap between theoretical concepts and practical applications.
- To motivate students by providing them with current trends, challenges, and opportunities in the field.



